

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): ~~a~~A magnetic tape drive including a head unit,
the head unit ~~has comprising~~:
a plurality of recording heads which record data on a magnetic tape, and
a servo head which performs a readout of a servo signal recorded on the magnetic tape in
order to perform a tracking control of the head unit, wherein
the recording heads are lined up along ~~the~~ width directions with respect to the magnetic
tape, wherein
the ~~a~~ distance between corresponding points of adjacent recording heads is the same as
the ~~a~~ distance between corresponding points of adjacent data tracks to be formed on the magnetic
tape by the respective recording heads, wherein
azimuth angles of adjacent recording heads differ with each other, and wherein
a plurality of data tracks are simultaneously formed on the magnetic tape by respective
recording heads, when performing the recording of data on the magnetic tape.

2. (currently amended): A magnetic tape drive according to claim 1, wherein the head unit ~~has~~ further comprises a plurality of reproducing heads which ~~performs~~ perform the readout of data written by the recording heads from the magnetic tape, wherein the reproducing heads are provided in a one-to-one relationship with the corresponding recording heads, and wherein the azimuth angle of each reproducing ~~heads~~ head is the same as that of the corresponding recording head.

3. (currently amended): A magnetic tape drive according to claim 2, wherein ~~the a~~ width of ~~the each~~ reproducing head is longer than ~~the a~~ width of the corresponding recording head.

4. (currently amended): A magnetic tape drive according to claim 2, wherein the head unit further comprises spare reproducing heads disposed on each side of each ~~head has spare-reproducing heads~~ head ~~at both sides in the width directions~~ direction with respect to the magnetic tape, wherein ~~the length~~ lengths and azimuth ~~angle~~ angles of the spare reproducing ~~head~~ heads are the same as that of the corresponding reproducing head.

5. (currently amended): A magnetic tape drive according to claim 3, wherein the head unit further comprises spare reproducing heads disposed on each side of each ~~head has spare-reproducing head heads at both sides in the width directions~~ direction with respect to the magnetic tape, wherein the ~~length~~ lengths and azimuth ~~angle~~ angles of the spare reproducing ~~head~~ heads are the same as that of the corresponding reproducing head.

6. (currently amended): A magnetic tape drive according to claim 4, wherein only ~~the data obtained by the~~ a reproducing head or a spare reproducing head that covers the entire data track in the width ~~directions~~ direction is used, when two or more reproducing heads are simultaneously located on the data track.

7. (currently amended): A magnetic tape drive according to claim 5, wherein only ~~the data obtained by the~~ a reproducing head or a spare reproducing head that covers the entire data track in the width ~~directions~~ direction is used, when two or more reproducing heads are simultaneously located on the data track.

8. (currently amended): A magnetic tape drive according to claim 1, wherein the azimuth angles of the adjacent recording heads are established at predetermined different ~~angle~~ angles whose absolute ~~value is~~ values are the same value.

9. (currently amended): A magnetic tape drive according to claim 2, wherein
the azimuth angles of the adjacent recording heads are established at predetermined
different ~~angle~~ angles whose absolute ~~value~~ is values are the same value.

10. (currently amended): A magnetic tape drive according to claim 3, wherein
the azimuth angles of the adjacent recording heads are established at predetermined
different angles whose absolute ~~value~~ values are the same value.

11. (currently amended): A magnetic tape drive according to claim 4, wherein
the azimuth angles of the adjacent recording heads are established at predetermined
different ~~angle~~ angles whose absolute ~~value~~ is values are the same value.

12. (currently amended): A magnetic tape drive according to claim 5, wherein
the azimuth angles of adjacent recording heads are established at predetermined different
~~angle~~ angles whose absolute ~~value~~ is values are the same value.

13. (currently amended): A magnetic tape drive according to claim 6, wherein
the azimuth angles of adjacent recording heads are established at predetermined different
~~angle~~ angles whose absolute ~~value~~ is values are the same value.

14. (currently amended): A magnetic tape drive according to claim 7, wherein
the azimuth angles of adjacent recording heads are established at predetermined different
angle angles whose absolute value is values are the same value.

15. (currently amended): A magnetic tape drive according to claim 1, wherein
the azimuth angles of the recording heads differs differ with each other.

16. (currently amended): A magnetic tape drive according to claim 2, wherein
the azimuth angles of the recording heads differs differ with each other.

17. (currently amended): A magnetic tape drive according to claim 3, wherein
the azimuth angles of the recording heads differs differ with each other.

18. (currently amended): A magnetic tape drive according to claim 4, wherein
the azimuth angles of the recording heads differs differ with each other.

19. (currently amended): A magnetic tape drive according to claim 5, wherein
the azimuth angles of the recording heads differs differ with each other.

20. (currently amended): A magnetic tape drive according to claim 6, wherein
the azimuth angles of the recording heads differs differ with each other.

21. (new): The magnetic tape drive according to claim 1, wherein a first recording head and a second recording head are disposed in a longitudinal direction with respect to the magnetic tape in the head unit, and

wherein a reproducing head is disposed between the first recording head and the second recording head.

22. (new): The magnetic tape drive according to claim 2, wherein the reproducing heads are 1.5 to 2.0 times longer than the recording heads.

23. (new): The magnetic tape drive according to claim 1, wherein a distance between adjacent data tracks is approximately zero.